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DE/AFS/SF

Cover Sheet Form CS



DEQ AIR QUALITY PROGRAM
1410 N. Hilton
Boise, ID 83706
For assistance: 208-373-0502

DEPARTMENT OF ENVIRONMENTAL QUALITY
STATE AIR PROGRAM

PERMIT TO CONSTRUCT APPLICATION

Applicants, please see instructions on page 2 before filling out the form.

DEQ Staff, please see instructions for handling this form on page 3.

COMPANY NAME, FACILITY NAME, AND FACILITY ID NUMBER			
1. Company Name	Triple C Concrete		
2. Facility Name	Rupert Portable Plant	3. Facility ID No.	
4. Brief Project Description - One sentence or less	Portable Concrete Batch Plant		
PERMIT APPLICATION TYPE			
5. <input type="checkbox"/> New Facility <input type="checkbox"/> New Source at Existing Facility <input checked="" type="checkbox"/> Unpermitted Existing Source <input type="checkbox"/> Modify Existing Source: Permit No.: _____ Date Issued: _____ <input type="checkbox"/> Required by Enforcement Action: Case No.: _____			
6. <input checked="" type="checkbox"/> Minor PTC <input type="checkbox"/> Major PTC			
FORMS INCLUDED			
Included	N/A	Forms	DEQ Verify
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form GI - Facility Information	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU0 - Emissions Units General	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU1 - Industrial Engine Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU2 - Nonmetallic Mineral Processing Plants Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU3 - Spray Paint Booth Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU4 - Cooling Tower Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form EU5 - Boiler Information Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form HMAP - Hot Mix Asphalt Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Form CBP - Concrete Batch Plant Please Specify number of forms attached: _____	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form BCE - Baghouses Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form SCE - Scrubbers Control Equipment	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Forms EI-CP1-EI-CP4 - Emissions Inventory- criteria pollutants (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	PP - Plot Plan	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Forms MI1-MI4 - Modeling (Excel workbook, all 4 worksheets)	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	Form FRA - Federal Regulation Applicability	<input type="checkbox"/>

DEQ USE ONLY
Date Received
Project Number
Payment / Fees Included? Yes <input type="checkbox"/> No <input type="checkbox"/>
Check Number

JEFF COATS
Operations
Home (208) 733-7141
Mobile (208) 420-6438

TRIPLE C CONCRETE
P.O. BOX 923, TWIN FALLS, ID 83303
FRONT DISCHARGED AND COMPUTER BATCHED
SERVING THE ENTIRE MAGIC VALLEY

RUPERT
(208) 436-9373

JEROME
(208) 324-4651

TWIN FALLS
(208) 733-7141



DEQ AIR QUALITY PROGRAM
1410 N. Hilton
Boise, ID 83706
For assistance: (208) 373-0502

PERMIT TO CONSTRUCT APPLICATION

Please see instructions on page 2 before filling out the form.

All information is required. If information is missing, the application will not be processed.

IDENTIFICATION

1. Company Name	Triple C Concrete
2. Facility Name (if different than #1)	Rupert Portable Plant
3. Facility I.D. No.	
4. Brief Project Description:	Portable Concrete Batch Plant

FACILITY INFORMATION

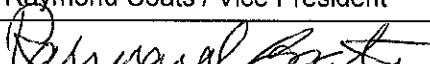
5. Owned/operated by: (✓ if applicable)	<input type="checkbox"/> Federal government <input type="checkbox"/> County government <input type="checkbox"/> State government <input type="checkbox"/> City government	
6. Primary Facility Permit Contact Person/Title	Jeff Coats / Field Operations	
7. Telephone Number and Email Address	208-733-7141	
8. Alternate Facility Contact Person/Title	Raymond Coats / Vice President	
9. Telephone Number and Email Address	208-733-7141	
10. Address to which permit should be sent	PO Box 95	
11. City/State/Zip	Rupert, Idaho 83350	
12. Equipment Location Address (if different than #9)	1-84 Exit (Idahome Road) head east 2.9 miles, Turn north 1/2 mile	
13. City/State/Zip	Malta, Idaho 83342	
14. Is the Equipment Portable?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
15. SIC Code and NAISC Code	SIC: 3273 Secondary SIC (if any):	NAICS: 327320
16. Brief Business Description and Principal Product	Redi-Mix Concrete	
17. Identify any adjacent or contiguous facility that this company owns and/or operates		

PERMIT APPLICATION TYPE

18. Specify Reason for Application	<input type="checkbox"/> New Facility	<input type="checkbox"/> New Source at Existing Facility
	<input type="checkbox"/> Modify Existing Source: Permit No.: _____ Date Issued: _____	
	<input checked="" type="checkbox"/> Unpermitted Existing Source:	
	<input type="checkbox"/> Required by Enforcement Action: Case No.: _____	

CERTIFICATION

IN ACCORDANCE WITH IDAPA 58.01.01.123 (RULES FOR THE CONTROL OF AIR POLLUTION IN IDAHO), I CERTIFY BASED ON INFORMATION AND BELIEF FORMED AFTER REASONABLE INQUIRY, THE STATEMENTS AND INFORMATION IN THE DOCUMENT ARE TRUE, ACCURATE, AND COMPLETE.

19. Responsible Official's Name/Title	Raymond Coats / Vice President
20. RESPONSIBLE OFFICIAL SIGNATURE	

Date: 1/22/07



DEQ AIR QUALITY PROGRAM
1410 N. Hilton
Boise, ID 83706
For assistance: (208) 373-0502

PERMIT TO CONSTRUCT APPLICATION

Please see instructions on page 4 before filling out the form.

GENERAL INFORMATION

Company Name:	Triple C Concrete		
Facility Name:	Rupert Portable Plant	Facility ID No:	
Brief Project Description:	Portable Concrete Batch Plant		
Mailing Address:	PO Box 95		
City:	Rupert	State:	Idaho
Zip Code:	83350	County:	Minidoka
General Nature of Business & Products:	Redi-mix Concrete		

Contact Name, Title:	Jeff Coats	Field Operations
Phone:	208-733-7141	Cell: 208-420-0995
Email:		

Owner or Responsible Official Name, Title:	Raymond Coats	Vice President
Phone:	208-733-7141	
Email:		

Proposed Initial Plant Location:	I-84 Exit(Idahome Road).head east 2.9 miles,Turn north 1/2 mile		
Nearest City:	Malta	Estimated Startup Date:	
County:	Cassia		3/01/07

Reason for Application:	<input type="checkbox"/> Permit to construct a new source <input checked="" type="checkbox"/> Permit to operate an existing unpermitted source <input type="checkbox"/> Permit to modify/revise an existing permitted source (identify the permit below) Permit No.: Issue Date: Facility ID:
<input checked="" type="checkbox"/> Check here to indicate you would like to review a draft permit prior to final issuance.	
Comments:	

CONCRETE BATCH PLANT INFORMATION**1. Concrete Batch Plant**

Manufacturer:	Erie Strayer	Model:	MG-11T
Manufacture Date:	2006		
Maximum Hourly Throughput:	220 (cy/hour)		
Maximum Daily Throughput:	1760 (cy/day)		
Maximum Annual Throughput:	4576600 (cy/year)		
Requested Annual Throughput:	250000 (cy/year)		

2. Cement Storage Silo Baghouse(s)

Manufacturer:	C&W Manufacturing	Model:	LPR-8-5
Stack Height from Ground:	79 (ft)	Exit Air Flow Rate:	2340 (acfm)
Stack Inside Diameter:	3.5 (ft)	* PM ₁₀ Control Efficiency:	99.99 (%)
* Manufacturer Grain Loading Guarantee:		.00000166 gr/ACFM	
* Attach manufacturer's PM ₁₀ control efficiency if available.			

3. Weigh Batch Baghouse(s)

Manufacturer:	C&W Manufacturing	Model:	CP-35
Stack Height from Ground:	28 (ft)	Exit Air Flow Rate:	140 (acfm)
Stack Inside Diameter:	1*2 (ft)	* PM ₁₀ Control Efficiency:	99.99 (%)
* Manufacturer Grain Loading Guarantee:		.00000100 gr/ACFM	
* Attach manufacturer's PM ₁₀ control efficiency if available.			

ELECTRICAL GENERATOR SET INFORMATION (IF APPLICABLE)

Manufacturer:		Model:	
Maximum Rated Capacity:	<input type="checkbox"/> Hp <input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	<input type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	(hours/day)		
Maximum Annual Hrs. of Operations:	(hours/year)		
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Exhaust Flow Rate (acfm): _____ Stack Inside Diameter (ft): _____ Stack Exhaust Gas Temperature (°F): _____		

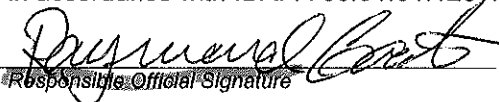
ADDITIONAL GENERATOR (if applicable)

Manufacturer:		Model:	
Maximum Rated Capacity:	<input type="checkbox"/> Hp <input type="checkbox"/> kW		
Fuel Type:	<input type="checkbox"/> Gasoline <input type="checkbox"/> Diesel <input type="checkbox"/> Natural Gas <input type="checkbox"/> Propane		
Maximum Fuel Usage Rate:	<input type="checkbox"/> gal./hr. <input type="checkbox"/> cfh		
Maximum Daily Hrs. of Operations:	(hours/day)		
Maximum Annual Hrs. of Operations:	(hours/year)		
Stack Parameters:	Stack Height from Ground (ft): _____ Stack Exhaust Flow Rate (acfm): _____ Stack Inside Diameter (ft): _____ Stack Exhaust Gas Temperature (°F): _____		

☒ \$1,000 PTC application fee enclosed

Certification of Truth, Accuracy, and Completeness (by Responsible Official)

I hereby certify that based on information and belief formed after reasonable inquiry, the statements and information contained in this and any attached and/or referenced document(s) are true, accurate, and complete in accordance with IDAPA 58.01.01.123-124.


~~Responsible Official Signature~~

Vice President

~~Responsible Official Title~~1/22/07
~~Date~~

Raymond Coats

~~Print or Type Responsible Official Name~~

PM₁₀ control efficiency

midwesco Filter Resources, Inc.

P.O. Box 2076 • Winchester, VA 22604 • (400) Battelle Dr. 22601 • (540) 667-8500 • Fax (540) 667-9074 • Telex 904080

PERFORMANCE SPECIFICATIONS

SB MEDIA

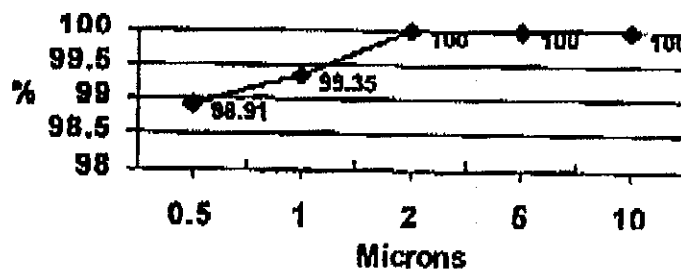
ASHRAE 52.1 - 1992

Test Flow Rate	500 CFM
Initial Resistance	.69" WG
Initial Atmospheric Dust Spot Efficiency	41.3%
Average Atmospheric Dust Spot Efficiency	94.0%
Average AC Fine Dust Weight Arrestance	100%

Initial Dust Spot	41.3%
Dust Spot @ 1" WG	60.0%
Dust Spot @ 2" WG	99.1%
Dust Spot @ 3" WG	99.99%

Particle Efficiency by Particle Size Test Dust - AC Fine

SB Efficiency Chart



Silo emission factor, PM - .0002 lb./yd

Inlet emissions, PM = 960 yd/day * .0002 lb./yd = .1920 lb./day * 7000 gr/lb. = (1344 gr/day) / (40500 cfm/day) = .0332 gr/ACFM

Outlet emissions, PM - .0332 gr/ACFM * .0001 (99.99% efficiency) = .00000332 gr/ACFM

Silo emission factor, PM-10 - .0001 lb./yd

Inlet emissions, PM-10 = 960 yd/day * .0001 lb./yd = .0960 lb./day * 7000 gr/lb. = (672 gr/day) / (40500 cfm/day) = .0166 gr/ACFM

* Outlet emissions, PM-10 = .0166 gr/ACFM * .0001 (99.99% efficiency) = .00000166 gr/ACFM



Department of Environmental Quality

1410 N. Hilton

Boise, ID 83706

For assistance, call the Air Permit Hotline: 1-877-5PERMIT

DEQ - AIR QUALITY PROGRAM
PORTABLE EQUIPMENT RELOCATION FORM

Company Name:	Triple C Concrete		
Phone Number:	208-733-7141		
Mailing Address:	PO Box 923 Twin Falls ID 83303		
Contact:	Jeff Coats or Raymond Coats		
Signature:	Jeff Coats	Date:	1/22/07

Plant Type (HMA, Rock Crusher, Mfr., Model No.)		Concrete Batch Plant Erie Strayer MG-11T	
Type of Permit	Permit to Construct or Operating Permit	Yes No	If Yes, Facility ID:
	Permit by Rule	Yes No	If Yes, Facility ID:
Fuel Type for Generator: N/A			
Have any major components of the plant or its air pollution equipment been replaced or modified since the plant last operated? Yes <u>No</u> If Yes, attach explanation on additional paper.			

Current Location, include county and nearest city:		-84 Exit (Idaho Rd) East 2.9 miles, then North	
New Location, include county and nearest city:		Malta, Cassia County 1/2 mile	
Estimated Startup Date: (month/day/year)	3/01/07	Estimated End Date: (month/day/year)	12/01/08

Will Plant be co-located with another rock crusher, concrete batch, or hot-mix asphalt plant at new location?			Yes No	
If Yes	Name of Other Company:			
	Type of Plant: <input type="checkbox"/> Rock Crusher <input type="checkbox"/> Concrete Batch <input type="checkbox"/> Hot-Mix Asphalt			
	Type of Permit	Permit to Construct or Operating Permit	Yes No	If Yes, Facility ID:
		Permit by Rule	Yes No	If Yes, Facility ID:

Will plant be operated in conjunction with a state of Idaho contract?		Yes <u>No</u>
If Yes	Contract No.:	
	State of Idaho Contact Person:	
	Phone Number:	

THIS FORM MUST BE SUBMITTED TEN (10) DAYS BEFORE PLANT IS RELOCATED.

A scaled plot plan identifying the property boundary of the new site must be included with this form (see Permit Application Form PP-Plot Plan for guidance).

Mail to: Air Quality Program Office - Application Processing
Department of Environmental Quality
1410 North Hilton
Boise, ID 83706-1255

Or, Fax to: 208-373-0340
Attn: Air Quality Program Office - Application Processing

Rupert Plant

Estimated start up DATE
3/01/07

Unpermitted Existing Plant

DEQ

JAN 26 2007

Financial Management



Idaho Department of Environmental Quality

State Fiscal Office
1410 North Hilton
Boise, ID 83706-1255

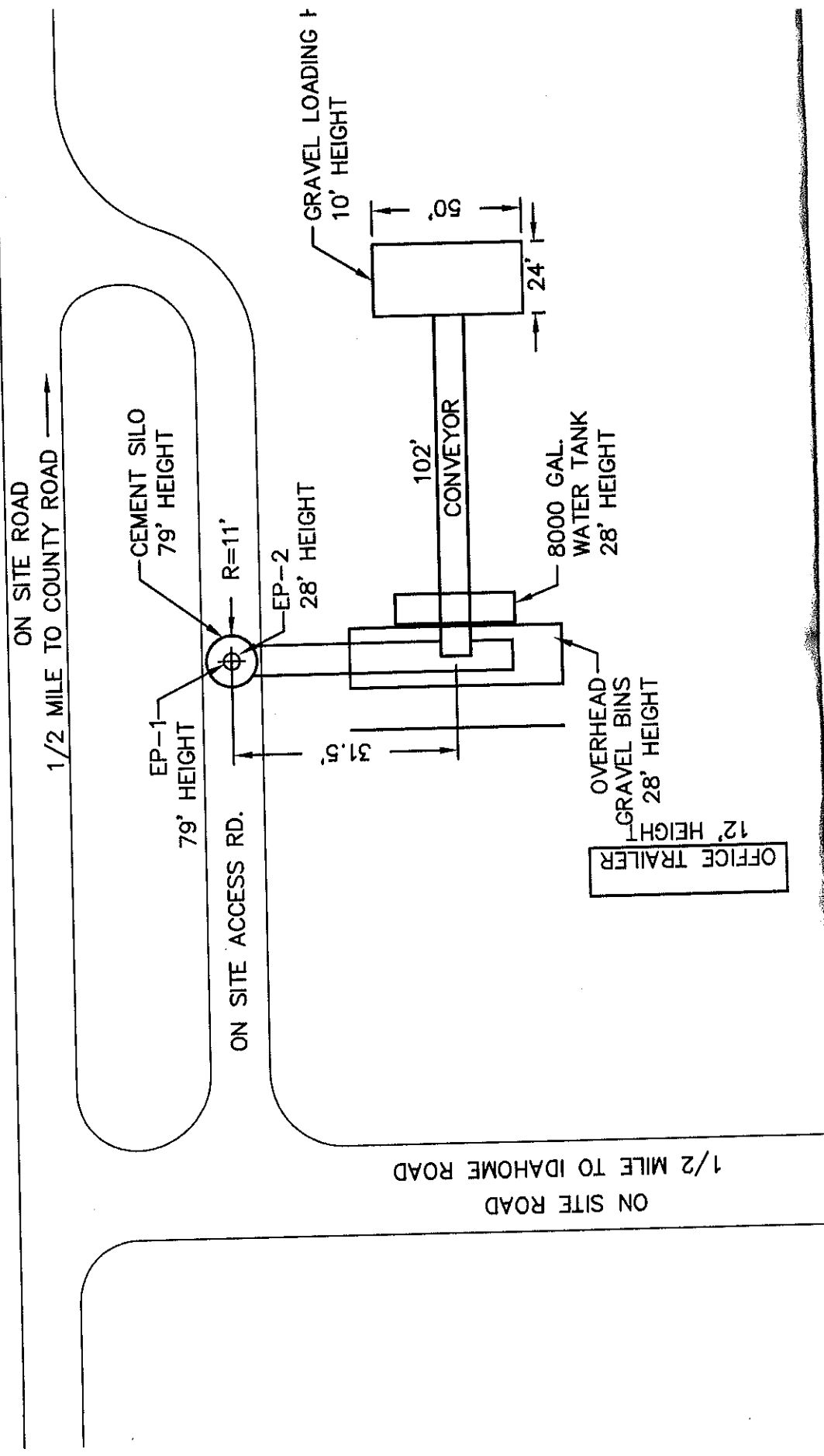
Cash Receipt

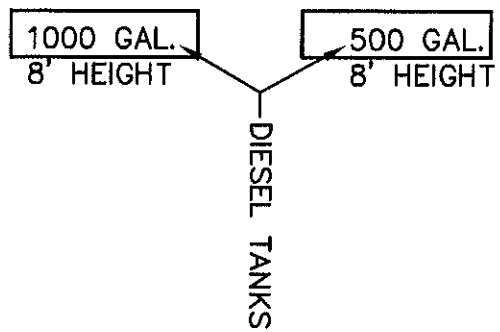
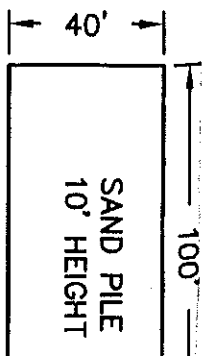
Date	Receipt No.
01/29/2007	6925

Received From
TRIPLE C CONCRETE PTC APPLICATION FEE UNPERMITTED RUPERT PORTABLE PLANT PORTABLE CONCRETE BATCH PLANT

Check No.	Payment Method
4422	Check

Item	Description	Amount
PTC	PERMIT TO CONSTRUCT FEES	1,000.00
Total		\$1,000.00



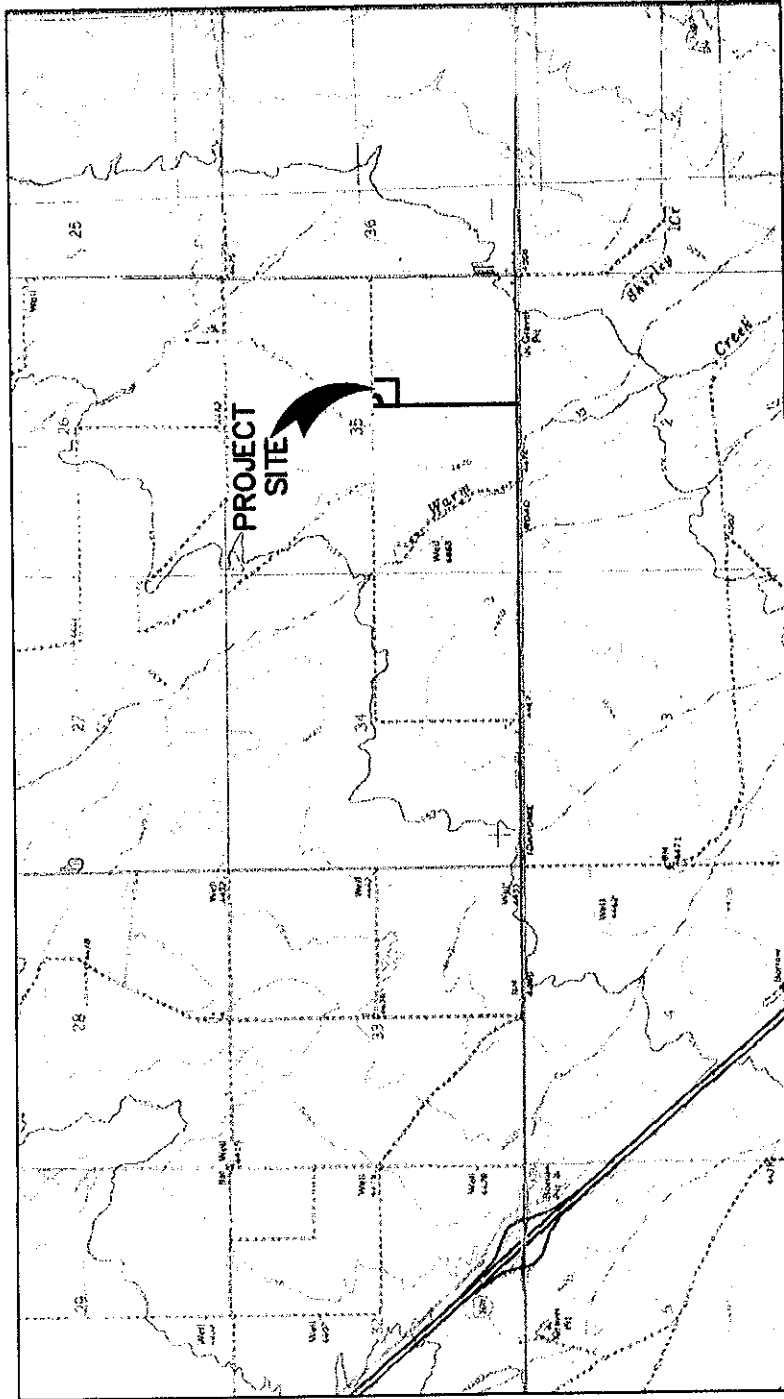


— 2.9 MILES TO I-84
— IDAHOME EXIT

SITE PLAN

FOR TRIPLE C C

PROPOSED DEVELOPMENT OF A
IN SE4 SEC. 35, T. 11 S
CASSIA COUNTY



VICINTY MAP
NOT TO SCALE

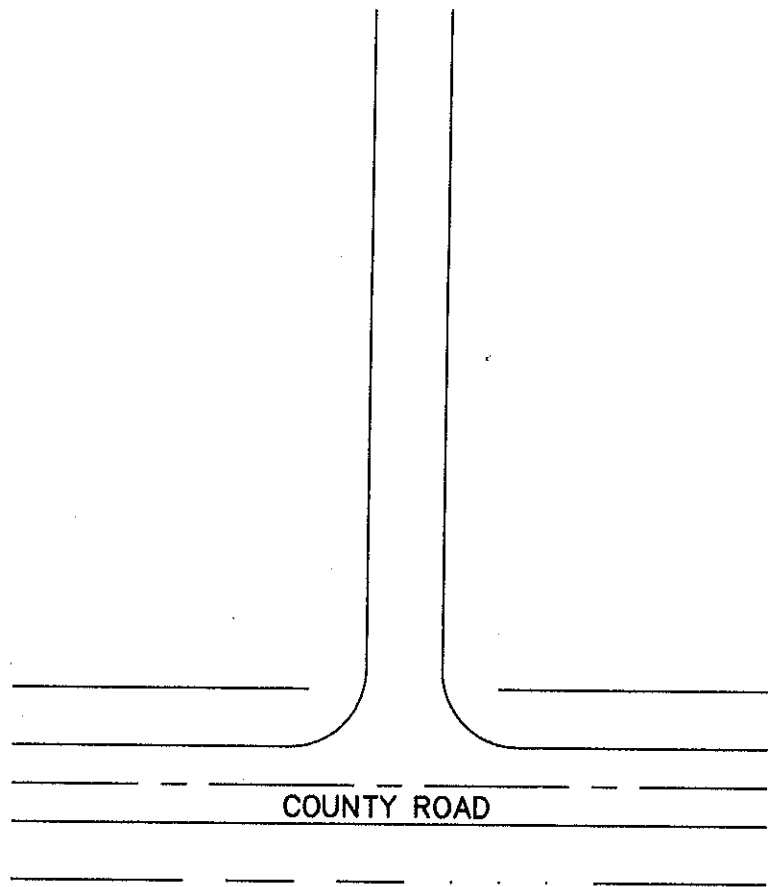
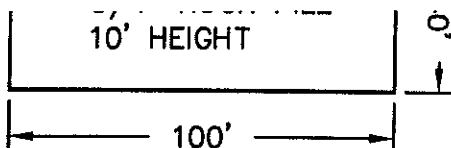
DRAWN BY:	DJP
DESIGN BY:	-
CHECKED BY:	DCZ
DATE:	01/16/07
DWG NAME:	60-05-167
ACAD PLOT SCALE:	N/A

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH, SCALE ACCORDINGLY
SCALE OF SHEET
HOR SCALE: N/A
VER SCALE: N/A

SHEET

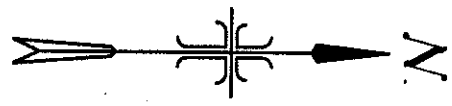
1

OF 1



LEGEND

ROAD EASEMENT



RETE

ETE BATCH PLANT
E., B.M.

J-U-B ENGINEERS, Inc.

115 NORTHSTAR AVENUE
TWIN FALLS, IDAHO 83301
PHONE: 208-733-2414
FAX: 208-733-9455

Engineers • Surveyors • Planners

